

# THE WRANGELL SENTINEL

VOLUME II, NUMBER 40.

WRANGELL, ALASKA, THURSDAY, OCTOBER 17, 1912

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## Oklad Hunters Bring Down Game.

Dr. R. D. Gaskill, Robert. M. Merrill and Harold Havens, of Oakland, California, who went up Stikine on September 4th and absent less than six weeks in quest of big game returned to Wrangell Monday with their full quota of trophies which were secured in that remarkable short time. The party has six moose, four cariboo, four sheep, six goat and four bear mounts to take back to their California home as spoils of the Alaska Chase and all are well pleased with the trip.

## Canned Music For Skaters

Patrons of the skating rink are pleased to hear that the new proprietor, Wm. Lewis, has a new band organ on the way which will furnish canned music in plenty for the skaters during the long winter evenings.

## Court News

Ketchikan, Aa. Oct. 17, The Grand Jury in session yesterday found and returnd three true bills against Joe Sonya, Aleyo Gorobot and Harry W. Delaney, all of Ketchikan, who had been bound over for indulgence in illegal liquor traffic and a not true bill for Charly Jackson and John Wilson charged with illegal fishing near Klawock. A true bill was returned Tuesday in the case of Martin Johnson charged with liquor peddling.

## Pennant Pie For Beaneaters.

The sensational Boston Red Sox rudely snatched the worlds championship bunting from New York yesterday in a ten inning pitchers battle in which Mathewson and Beldient were the star performers.

Soon Answered.  
"What do you consider the best diet for a man?"  
"The best lie can afford."—Exchange.

## Fanatic Attempts Roosevelt's Life

Despatches from Chicago on Tuesday flashed north by wireless reported vaguely an attempt on the life of Ex. President, Roosevelt, at Milwaukee, Wisconsin on Monday evening. The reports were confirmed Wednesday in more detail. The Colonel, who was campaigning in Wisconsin, was on his way to address a gathering at the Auditorium in Milwaukee, when a fanatical Socialist, who thought he saw a peril to the people if the Bull Moose campaign was successful in placing Roosevelt in the White House for a third term, shot at the ex-president with a .32 caliber revolver, the bullet taking effect in the right breast but not entering the lung. Roosevelt continued to the Auditorium, made his address and was then rushed to a Chicago hospital. John Schrank the insane person who attempted Roosevelt's life was immediately taken into custody by the police force which narrowly averted his lynching by the angry mob which gathered before the prisoner could be landed in jail.

(Later) Reports yesterday were to the effect that Roosevelt is resting quietly in the Chicago hospital. The Bull Moose campaign has entirely suspended work pending the recovery of the Progressive candidate.

## Ketchikan Reported Flames Swept.

Rumor of a disastrous fire at Ketchikan this morning sweeping several buildings in the business section reaches us at press time this afternoon. Red Men's Hall, Fields Clothing store, Post Office and other buildings are reported burned.

## Youthful Prisoner Took Vacation

George Chew, the Chinese youth serving a short sentence at the local jail for petty larceny, was struck with a wanderlust Sunday; probably on account of the fine weather; and finding an opportunity quietly slipped away from his keepers and spent a miserable half-holiday dodging the officials of the U. S. Marshal's office and numerous citizens who were on the lookout for the young outlaw. Early in the evening he was discovered in the launch Black Fox by two small boys who notified the officials and owner of the boat. He was easily recaptured and taken to the jail again after having enjoyed (?) an afternoon at the beach.

## Coming Events

With the lengthening of the hours of darkness more interest is being taken in the social side of life of late in Wrangell. Several banner events are already scheduled and some are not yet beyond the "figgering" stage but they are surely coming. The first on the present program is, of course the Firemen's Ball which will take place at Red Men's Hall next Saturday evening. Considerable interest in the doings of the firemen insure its success.

The Arctic Brotherhood, who surely have the entertaining way, are to have a Hallow E'en Ball on Friday evening November 1, and will use all their witchery in giving Wrangell a spell of entertainment.

A social event by the Motor Boat Club to be given about turkey time next month and a "home talent" to be staged at a remote date are the ones being "figgered" on and promise to liven up the social atmosphere in the future.

## West Coast Voters For New Ticket.

Not being satisfied with the call for delegates issued by the Progressives, and Non Partisans which took in only incorporated towns, the voters of the west coast of Prince of Wales Island held a mass meeting recently at Craig, at which over 250 voters were represented and declared for Frank W. Thompson, of Craig, as a candidate for the House of Representatives from the First District. Mr. Thompson consented to become a candidate and F. E. Butler was dispatched on a tour of Southeastern Alaska to select other candidates for the ticket which will be placed in the field on November 5th.

Mr. Thompson, who is manager of the J. Lindenberger Packing Company's store, has been in business on the west coast for several years and his popularity there will win him many votes in that section. If his name is placed on the ticket,

## St. Charles Milk

Equal to any of  
the best brands  
in Reputation  
and Quality----  
Sells for less  
than Carnation  
Now is YOUR  
opportunity to  
lay in a stock  
for winter at

Our Special net cash  
price in five case lots

**F. MATHESON**

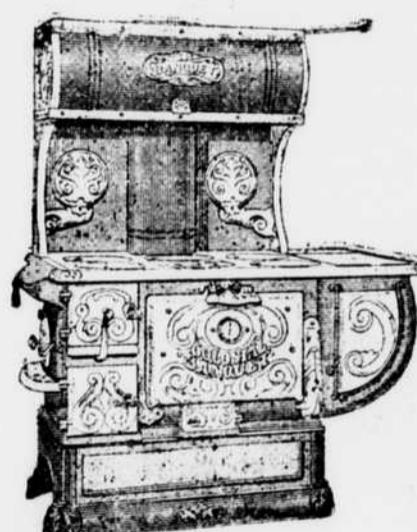
Department Store

General Merchandise, Furs, Forwarding

## City Store

Donald Sinclair, Prop.

We can solve the "Stove Problem"  
for You.



Monarch Ranges:  
Banquet Ranges:  
Index Ranges:  
Shipmate Ranges:  
Coal Heaters:  
Wood Heaters:  
Cook Stoves:  
All kinds of Stoves

Our stock is Complete.

DON'T FORGET we are exclusive agents for the  
"S. & W." Canned Goods—The can with the  
Green Label: **None Better**

**Wrangell - Alaska**

# THE WRANGELL SENTINEL

HAROLD F. DAWES, Editor and Proprietor,

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## "A Awful Good Dog."

Ben Strickland, assistant clerk to the Indiana state bureau of printing and binding, said when he lived in Greenfield there lived there also a family composed of a man and his wife and a dog that was claimed by both of them. The family was nomadic, wandering about the country with a decrepit horse in the summer time, and the dog was their constant companion. Finally the dog lived its allotted days and was buried with as much pomp as the man and his wife could command. Next day Strickland saw the woman, and she was bewailing the loss of the dog. As a crumb of comfort Strickland offered:

"Now, Aunt Martha, you shouldn't feel so bad about that dog. What if it had been Uncle Billy (the husband) instead?"

"That might 'a' been purty bad," responded Aunt Martha, "but, Ben, I tell you that was a awful good dog."—Indianapolis News.

## Needed Help.

"A hawpny negro," said Robert Ede-  
son, "was once employed as a steve-  
dore on the docks at Memphis to help  
unload a cargo from the steamer Anna  
P. Silver.

"The negro was carrying anvils  
ashore, and so great was his strength  
that he carried one under each arm.

"In crossing the narrow gangplank  
with an anvil under each arm the ne-  
gro slipped and fell into the water.

"He came up puffing and blowing.  
'Frow down er rope!' he yelled.

"The men on board laughed at him  
in derision.

"'Frow down er rope!' pleaded the  
negro, treading water vigorously.

"'Getting nothing but jeers, the negro  
cried excitedly:

"'For de lan's sake, frow down er  
rope or I'll drop one of dese anvils!'"

—Young's Magazine.

## Ungrateful.

"What do they mean by a court of  
last resort, pa?"

"Courting an old maid."—Judge.

**Recapitulation.**  
When the world rolls round to autumn  
and the leaves begin to turn  
We take the family census once again.  
There are contellated freckles. There are  
streaks of tan and burn.  
But the pleasure overbalances the pain.  
For father's brought the motor home all  
battered, it is true—  
But we paid his fines and kept him out  
of jail.  
And mother isn't drowned, although she  
often said she knew  
She would be if we took her out to sail.

Big Brother Bill has not been carried out  
into the sea.  
As we expected, in his motorboat.  
We rescued Sister Sadie every time we  
found that she  
Was terror stricken when she tried to  
float.

The big ones and the little ones have all  
survived the fray.  
And, though we've had our troubles more  
or less,  
We settled down in comfort and without  
desecration say

The summer outing was a great success.  
—Washington Star.

## The Busy Invalid.

A certain prominent business man  
in Cleveland went to his physician the  
other day and complained that he was  
suffering from loss of appetite, drowsi-  
ness and a bad taste in his mouth.  
The doctor looked at his tongue, felt  
his pulse, applied the stethoscope and  
then said:

"All you need is exercise. You  
should walk or ride on horseback for  
three hours every day."

"Three hours!" screamed the patient.  
"Why, doc, when would I eat and  
sleep?"

Which shows that the doctor's diag-  
nosis was about right.—Cleveland Plain  
Dealer.

## Eugenics.

No whispered words of love I bring.  
Such sentiments are old and stupid.  
Nor yet of passion will I sing.  
We've long since superseded Cupid.  
But at your feet I lay my chart  
Descriptive of my rare attractions  
(My muscles fill the greater part;  
My beauty's shown in vulgar fractions).

Nay, answer not, "Pray ask papa!"  
In manner of our predecessors.  
Poor pa is now a fallen star.  
We ask consent of wise professors.  
In council they'll discuss our claim  
Where none their wisdom may dis-  
pense.  
And on the minute they'll proclaim  
Our banns in scientific marriage.  
—London Opinion.

**Where He Drew the Line.**  
"I don't mind your trying to sell me  
blue paint when I ask for black," said  
the irate customer.

"But, sir!"

"I don't object to your trying to force  
me to buy a screwdriver because you  
haven't the sort of garden hose I want."

"My dear sir!"

"You can try substitution all you  
want to, and if you get away with it  
all right. But when you try to con-  
vince me every time I come into your  
store that I ought to adopt your politics  
instead of my own I draw the line.  
Good day."—Detroit Free Press.

## Captive.

He's big and strong and manly  
As any man could be.  
His heart is full of courage,  
As any one can see.  
If fate should be against him  
He'd battle unto death  
And never give up fighting  
Until his final breath.  
  
He's bold and lion hearted;  
He's ignorant of fear;  
He has no dread of danger,  
Although it may be near,  
And still for what I'll tell you  
Perhaps you are prepared—  
He knows a five foot maiden,  
And she has got him scared!"  
—Somerville Journal.

## His Great Scheme.

"Yes, this is a wonderful country,  
but I'd hate to live here. You say two  
tornadoes have swept through this re-  
gion since you bought the ranch?"

"Yes, in plain sight of my house."

"Great Scott! And you are going to  
stay here?"

"I guess yes. I'm going to stick  
here and make my everlasting for-  
tune."

"How?"

"I've got a motion picture machine  
all ready for the next one."—Chicago  
Tribune.

## The Elegy Revised.

The lowing herd winds o'er the lea  
Near close of day.  
Maud Muller gazes at them. She  
Is raking hay.

The plowman plodeth home to sup;  
But, seeing Maud,  
He takes a brace and straightens up  
His shoulders broad.

He stops to chat; he steals a kiss.  
By some mischance  
Few people ever heard of this.  
Their brief romance.

—Washington Herald.

## His Offense.

"Exceeding the limit!" cried Dawson.  
"Why, judge, your roads around  
here are so rotten a man couldn't go  
faster than ten miles an hour without  
endangering his life."

"That's the p'int," said the justice of  
the peace. "You was exceedin' the  
limit o' safety, and we find ye guilty  
o' attempting suicide. Ten dollars, if  
ye please."—Harper's Weekly.

Everything New, Clean and  
First Class

Electric Light and Stove  
Heat Throughout

## WRANGELL HOTEL

JOHN G. GRANT  
PROPRIETOR

### FIRST-CLASS BAR AND DINING ROOM IN CONNECTION

Peg, Card  
And Billiard Tables  
Courteous  
Treatment Always Assured

## HUMBOLDT STEAMSHIP COMPANY

The Alaska Flyer HUMBOLDT will be in Wrangell  
North Oct. 20 South 3 Days Later

and will sail from Wrangell about every 12 days thereafter

St. Michael T'dg Co.,

Local Agents

## The Tannhaeuser

CHAS. BORCH, PROPRIETOR

Best Domestic  
And Imported Cigars

Wrangell, Alaska

## Pacific Coast STEAMSHIP Company

Service to SEATTLE and all points SOUTH as follows:

**City of Seattle, Oct. 11 and 23  
Spokane, 5, 17 and 29**

ST. MICHAEL TRADING CO., Local Agents  
G. W. Andrews, G. A., P. D., Seattle, Wash.

## Pacific Coast & Norway Packing Co.

OPERATES

### Cannery, Machine Shop,

### Saw Mill & Box Factory

We are prepared to make prompt deliveries  
of Lumber and Box Shooks

### Largest Stock of General Merchandise

In Southeastern Alaska. Our revised prices are much lower  
than heretofore

See

Us before purchasing elsewhere

WE BUY

### Fresh and Mild Cured Salmon

Petersburg,

Alaska

"The Home of the Fishermen"

## The Wrangell Meat Market

J. J. McTAGUE, Proprietor

FRESH and SALT MEATS,

POULTRY and GAME

SHIPPING SUPPLIED AT LOWEST RATES

"Just Weights and Fair Dealing" Shall Be My Motto

## Wrangell Electric Light & Power Co.

Will supply you with

### LIGHTS

ELECTRIC FIXTURES, LAMPS, SHADES, WIRE, SWITCHES,

LAMP ADJUSTERS and BATTERIES

Why not try some of our NEW LAMPS in your home?  
We are local agents for PALMER BROS. engines

### GIVE US A TRIAL

Palmer & Ensley, Proprietors

## THE WRANGELL SAWMILL

Manufacturers of all kinds of

Spruce and Cedar Lumber; Ceiling, Flooring, Rustic  
Finishing, Boat Lumber, Salmon Boxes, etc.  
Special Attention to Building and Mining Timber

This Sawmill is prepared to make prompt delivery of  
Lumber in any quantity to any point in Southeastern  
Alaska. Parties Intending to use Lumber in quantity  
will do well to apply for prices before going elsewhere

## Willson & Sylvester Estate

WRANGELL

ALASKA

# News of Local Interest

The Vermont came in from Tokeen Wednesday evening.

**SPIRELLA** Corsets—Mrs. Oscar Carlson, Agent.

Judge R. A. Gunnison, of Juneau, is a Wrangell visitor this week.

Oscar Carlson has started his new residence on Church Street.

The new band organ for the rink is expected up on the Seattle,

Miss Neitje Smith was a passenger south on the Dolphin.

C. R. Duffy made a trip in from Port Beauclerc with the Dixland, Saturday.

D. L. and R. E. Brown and families went south on the Al-Ki Monday evening.

Work is again progressing on the walk leading from Front Street to St. Philip's Church.

J. H. McGehee and Bud Welch came in from Point Baker Monday evening.

Water Supervisor, F. E. Gingrass, repaired a leak in the Front Street Main Wednesday morning.

Several stories of near shipwreck have been going the rounds since the storms of Sunday and Monday evenings.

Adj't. Robt. Smith who has made an official visit to Prince Rupert, returned on the Spokane Wednesday evening.

Ernest and Leonard Campbell returned from Lake Bay Tuesday after spending a week with their parents.

R. D. Pinneo, Assistant General Freight Agent of the Pacific Coast Steamship Company, called on Wrangell shippers this week.

The Alaska went south Sunday evening with a barge of halibut boxes for the New England Fish Company of Ketchikan.

Fire Hose costs something like \$1.25 per foot. Your ticket to the ball Saturday evening may be the means of saving property by widening the range of the fire apparatus.

**A. J. KALKINS, AGENT FOR** "Globe" 4 cycle Marine Motor. "Eddystone-Globe" 2 cycle, open crank-case motors. The best 2 cycle engine made. Factory rebuilt motors. "Perfex" waterproof igniters. Motsinger Auto-sparker.

River transportation summer and winter with Launch "Black Fox" and dog team.

For Sale—Launch Seabird, 19 feet o. a. 7 h. p. new Gray Motor—Inquire W. G. Brown & Sons

**STORAGE BATTERIES**, guaranteed not to sulphate. Cheaper than dry cells. Come in and see us about 'em. Wrangell Light and Power Company, at Power House.

The total insurance money received by the White Star Line for the loss of the Titanic was £900,000, the largest amount ever paid for a marine loss.

The nearby heavenly bodies have much to do with the weather according to the forecasters. Anyway it has been raining steadily since Moen went away.

F. Kleyenhausen and E. H. Joseph, of Astoria Oregon, officials of the Columbia and Northern Fishing and Packing Company, were passengers to Wrangell on the Princess Sophia Tuesday.

The cruiser, Peggy, of Olympia, that went north about two months ago, made port southbound this morning. Experience is a good teacher, evidently, as a pilot house is noticeable now where once was open cockpit.

For having misread signals in the engine room of the steamship Mariposa when she rammed the pier at Valdez, Justin M. Best, first assistant engineer, has been suspended for sixty days by order of the Seattle United States Steamboat Inspectors.

## Firemen Looking For Good Attendance

From the interest in similar events in the past, the members of the Alert Fire Company are preparing for a good attendance at the Benefit Dance and Supper Saturday evening, especially as the proceeds are to be used in the purchase of more fire protection for the town.

The main amusement of the evening will, of course, be the dancing for which the Wrangell Orchestra has been engaged to furnish the music, but provision has been made for card and other games for those who do not wish to dance.

## Craig Moose

### Expect Charter.

Craig Aaa. Oct. 15. Thirty members were initiated here last night into the Loyal Order of Moose. A fine banquet celebrating the event was held after the ceremonies of adoption and each new member is now enthusiastically hustling for new members, twenty of which are necessary for the lodge to get a charter. The L. O. O. M. will probably be the first lodge to organize and hold a charter at Craig.

**SCHOOL SUPPLIES**  
**WRANGELL DRUG CO.**

## At St. Philip's Church

"The Steward who wished to own the place" will be the theme at St. Philip's Church Sunday evening Oct 20.

Holy Communion will be celebrated at 8 A. M.

## THE TRACKLESS TROLLEY.

### Advantages it Possesses Over Other Means of Transportation.

Railless electric traction has attracted much attention in England lately. Several short transportation lines have been built on that principle, and some thirty similar schemes are now under consideration in various semiprincipal regions. The "trackless trolley" used at Leeds and Bradford consists of a "bus" similar to the ordinary gasoline stage, except that its motive power is electricity obtained through a trolley from an overhead wire. It is said to be much cheaper to operate than a gasoline bus and where traffic is light has, of course, a similar advantage over the regular train running on tracks because of lower first cost, the entire expense of a special roadbed being eliminated.

The cost of putting up the trolley wires at Leeds was but \$6,220 per mile. The forty horsepower buses cost \$3,500, and it has been found by experience that the complete cost of operation per mile varies from 11 to 13 cents. In Leeds the fare is 4 cents for a four mile journey.

R. E. Neale, who describes the Leeds and Bradford installations in the Engineering Magazine, says that the trackless trolley can make money even where the traffic is thin at a fare of from 1 to 1½ cents per mile. Apparently the trolley bus cannot compete with the tram where traffic is heavy, but it has, according to Mr. Neale, a distinct field of its own in suburban regions and at resorts where heavy demands at one season are followed by no passengers at all during the remainder of the year. Mr. Neale's figures indicate that it is cheaper to operate than the gasoline stage by from one-half a cent to a cent per passenger mile.

## USES OF FLUORSPAR.

### Employed in Glassmaking and For Open Hearth Steel.

Last year the total quantity of domestic fluorspar reported to the United States geological survey as marketed in the United States was 87,048 short tons, valued at \$611,447, compared with 69,427 short tons valued at \$301,190 in 1910, an increase in quantity of 17,621 short tons and in value of \$181,251.

Fluorspar is found in crystals, generally cubic, in color ranging from a clear, slightly bluish or green glass-like tint through various other brilliant colors to dark purple, although much of it is white and opaque. Associated with other minerals, fluorspar has a broad distribution, but deposits of workable size are not abundant, the deposits thus far exploited in the United States being found only in the states of Arizona, New Mexico, Colorado, Illinois, Kentucky, Tennessee and New Hampshire.

Fluorspar is used in the manufacture of glass and of enameled and sanitary ware, the electrolytic refining of aluminum and lead, the production of aluminum and in the iron and steel industries, where it is used as a flux in blast furnaces and in gas open hearth steel furnaces. It is estimated that about 80 per cent of the American fluorspar output, mainly in the form of gravel spar, is consumed in the manufacture of basic open hearth steel. The use of fluorspar is increasing in practically all these industries.

### Automatic Fire Doors.

The construction of a fire door and its installation may be standard in every way, but for the door to be of service it must be closed at the time of fire. As employees of a plant cannot always be depended upon to close the doors that may be left open during the operation of the plant, because of panic or other reasons, fire doors should be either self closing or automatic. A self closing door is one which closes by itself as soon as a person has passed through. This door is normally always closed and never should be allowed to be blocked open. The automatic type is held open by means of a weight or catch, which has connected with it a series of fusible links. In case of fire the solder on one or more of the fusible links melts from the heat, releases the weight or catch and the door closes automatically. This type of door should be employed wherever it is necessary for the door to be kept open at times, but otherwise the self closing door is preferable.—Engineering Magazine.

## Flannel Shirts

## Overcoats

## Warm Blankets

## And Comforts

## Colder Weather

## Staples



*They stand inspection!*

## BUY HALIBUT GEAR

# Thlinget Trading Company

Dealers in

## General Merchandise

## Wrangell, Alaska

Costs More to Brew

Costs You No More

## Angeles Beer

At all Leading Bars in Wrangell

## BOHEMIAN BAR

Cunningham & Sorset, Proprietor.

## Bohemian Draught Beer a Specialty

## Select Stock of Wines, Liquors, and Cigars. Pool & Billard Tables

SHIP YOUR

## RAW FURS

TO THE

**McMILLAN FUR & WOOL CO.**

200-212 First Avenue North

MINNEAPOLIS, MINN.

Alaska Furs a specialty. Very top prices paid. Quick cash returns. Shipments held until returns approved, when requested. Make trial shipment. Convince Yourself.

WRITE FOR CIRCULARS

Best Rooms at Reasonable Rates

## STIKINE HOTEL

A. Lemieux, Prop.

### BREWERY BAR

Billards, Pool and Cards

### Arctic Brotherhood

Camp Wrangell, No. 28

Meets every Wednesday at 8 P. M. sharp, at Red Men's Lodge Rooms.

Visiting Brothers Cordially Invited

C. M. COULTER, A. C. S. C.  
SHURICK, A. R.

### Fresh Milk

The kind that nice rich CREAM rises on is what you need I can supply you with it in any quantity. Try some.

N. L. MOEN

## PATENAUME

carries a fine line of  
SMOKERS'  
ARTICLES

WHOLESALE OR RETAIL

## Raw Furs!

WE PAY

High Prices for  
Fine Furs

Write for Price List

Percy's Fur House  
OSHKOSH, WISCONSIN

Established 1872

## Wrangell Drug Co.

L. P. Dawes, M. D. Prop.

The place to Buy

Prescriptions

Toilet Articles

Stationery

Novelties

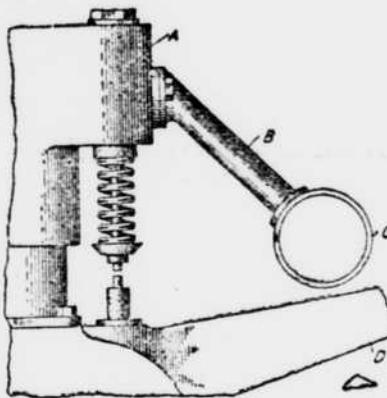
Come in and see

### REMOVES BURNED GASES.

Device for Cleaning Motor Cylinders of Combustion Products.

The time available for the removal of the products of combustion after the power stroke in the motor is too short to permit of complete scavenging. How to realize the best possible condition of getting rid of burnt gases is the problem. In view of the fact that the piston does not sweep the whole space, some of the mixture, after it is burned, must depart under the force of pressure, says the Automobile Dealer and Repairer. After the terminal pressure dies out the part of the gas that is usually left behind is that which accounts for bad scavenging.

It has been found in practice that the scavenging condition may be improved by using a small diameter pipe



CYLINDER CLEANING DEVICE

between the transfer port on the exhaust side of each cylinder of the motor and a receiver, as shown in the accompanying illustration. A is the cylinder, B the individual exhaust pipe, C the receiver and D the arm. In this plan, owing to the small diameter of the connecting pipe, the speed of the departing exhaust product is accelerated, and the exhausting "fluid" is compacted. The gas molecules seem to persist in accompanying each other on the journey, and the tail of the gas body follows the head, and in this way the rarefied gas in the combustion chamber at the tall end of the exhausting period follows in the train of the departing fluid, thus more or less completely scavenging the space. It has been found under certain well defined conditions that a vacuum will reside in the cylinder after the exhaust leaves, which vacuum very readily fills with the incoming mixture.

### WEIGHT OF OUR RAINFALL.

Enormous Volume of Water Precipitated in the United States.

George A. Lindsay, writing in the "Transactions of the Academy of Science of St. Louis," gives some interesting statistics of the rainfall of the United States not expressed in the conventional inches of depth, but in the aggregate volume and weight of the moisture that falls annually over a given area. To any one who is familiar only with the customary method of stating rainfall it is somewhat startling to learn, for instance, that 43.9 cubic miles of rain fell in Missouri during the year 1896. This is decidedly more impressive than the statement that the rainfall was about forty inches.

In the same year 1,206.4 cubic miles of water is computed to have fallen over the whole area of the United States, and the average annual rainfall is somewhat greater than this—viz. 1,305 cubic miles, weighing 6,000,000,000 tons. As an illustration of the fact that most of the water that falls as rain never reaches the sea through the medium of drainage, but is evaporated from the land, Mr. Lindsay shows that the discharge of the Mississippi river at St. Louis is but little greater than the volume of rainfall over the state of Missouri alone despite the enormous area drained by the river above that point.

### Uses of Barytes.

The greater part of the barytes produced in the United States is used as a pigment in the manufacture of mixed paints. It is also used in the manufacture of lithopone, a white pigment. Other uses for the mineral are in the manufacture of rubber, wall paper, asbestos cement and poker chips and in tanning leather. A use of barytes reported from Italy is in the manufacture of gorgonzola cheese. The cheese receives a coating in the form of a thick heavy crust of the fine ground material, which has the property of affording just sufficient protection from aeration.

Barytes occurs in veins as a gangue of metallic ores, also in veins in sandstone and limestone or as a replacement of limestone. The mineral has a wide range in geological time and an extensive distribution. In the United States the principal sources are, however, limited to two districts—the Missouri district and the Appalachian district. A single country in Missouri—Washington—produces about 64 per cent of the total output.

## JEFFERSON DOLPHIN

Regular Sailings North and South

Every 6 Days

Best of Boats  
Best of Service

Connect at Juneau for the Westward.

Connect at Seattle with trains for all points.

Alaska Steamship Company

Lowman Bldg. Seattle, Wash.

Wrangell Steam Laundry F. B. Leonard Prop.

Up-to-date Laundry Work At the Right Prices

Wrangell, Alaska

### FOR MARKING LAUNDRY.

Directions for Making a Suitable Copper Stencil.

A stencil suitable for marking laundry may be easily made as follows: First procure a small sheet of "stencil sheet copper" about one inch wide and four inches long, says Popular Mechanics. Dip this sheet of copper in a vessel containing some melted beeswax, so that both sides will be evenly covered with a thin coat of the wax when it cools. The design—name, monogram or figure—that is wanted in the stencil should now be drawn upon a piece of thin white paper, the reverse side of the paper blackened with graphite and then laid on the stencil plate with the design in the center of the plate, whereupon the design is lightly traced with a blunt point on the thin wax coating. After the paper is removed trace the design on the wax surface with a pointed instrument, but not completely, the lines being broken at more or less regular intervals to form "holders," so that, after etching, the design cannot fall out.

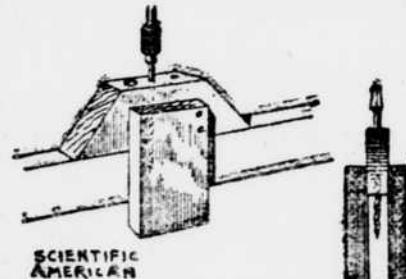
Next lay the stencil in a small shallow dish and pour a small quantity of fresh nitric acid over it. Keep the air bubbles removed from the surface by means of a piece of soft feather. The design will be eaten away in a very short time when the wax has been removed, and this may be readily observed by holding the stencil plate up to the light. The acid should then be rinsed off with water and the wax removed by heating and wiping it off with a cloth. The stencil may be given a final cleaning in a dish of benzine or gasoline, which will remove any remaining wax.

### HANDY BORING GAUGE.

Simple Arrangement for Keeping Dowel Pin Holes Straight.

It is often a difficult matter to bore straight dowel pin holes in two pieces of wood which are to fit together squarely and tightly. The following description of a gauge for the purpose should be readily understood:

It is made from a piece of oak board, with two side pieces screwed on to form a socket in which the



GAUGE FOR BORING HOLES.

work fits and is held squarely. A number of different size holes are bored into the oak piece, so that bits of different sizes can be used, for large or small dowel pins. Mark the work with a pencil where the holes are to be bored, put the gauge over the work and put the bit in the holes of the desired size. Be sure to get this bit on the pencil mark, then bore the hole. If the gauge happens to fit a little loosely it can easily be made tight by wedging it with small wooden wedges.

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